OpenEye®

800-SERIES - HIGH SPEED DOME IP CAMERA

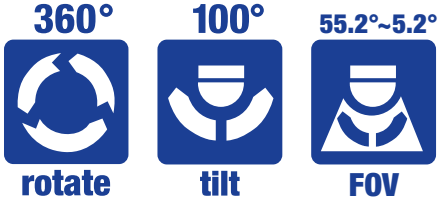
CM-816

DESCRIPTION

OpenEye's CM-816 is a 2MP outdoor dome camera equipped with an integrated heater and fan. The 18X optical zoom and sunshield make it an excellent solution for outdoor PTZ surveillance. The CM-816 includes wide dynamic range and a day/night function that utilizes a moveable IR cut filter, making it perfect for challenging lighting conditions.

HIGHLIGHTS

- ONVIF™ compliant
- Quad streaming H.264 / MJPEG
- 18x optical zoom
- IR cut filter
- Wide dynamic range
- IP66 weatherproof rating



800-SERIES - 2MP OUTDOOR IP 18X PTZ DOME

CAMERA SPECIFICATIONS

	CM-816
Image Sensor	1/2.8" Sony Progressive CMOS
IP Rating	IP66
Type / Format	H.264 / MJPEG
Wide Dynamic Range	Yes
Minimum Illumination	0.1 Lux (Color) / 0.03 Lux (B&W) @50IRE 0.05 Lux (color) / 0.01 Lux (B&W) @30IRE
Day / Night	Yes (TDN)
Resolution	30 IPS @ 1080P [1920 x 1080 / 2MP] 30 IPS @ 1280 x 1024 / 1.3MP 30 IPS @ 720P [1280 x 720 / 1MP] 30 IPS @ 1024 x 768 30 IPS @ 800 x 600 30 IPS @ 720 x 480 30 IPS @ 640 x 480 30 IPS @ 352 x 240
Focal Length	4.7 ~ 84.6 mm
Iris Control	Auto / Manual
White Balance	Auto / Indoor / Outdoor / ATW / Manual
AWB Range	2700 K ~ 7500 K
Backlight Compensation	On / Off
Auto Gain Control	Auto / Manual
Operating Temperature	-40°F~ 122°F (-40°C ~ 50°C)
Heater	Yes
Power Consumption	65W (Max)
Rated Amperage	2.7A
Input Voltage	24vAC ± 10%
Weight	5.11 lbs. (2.32 kg)
Dimensions	**Dome:** Ø7.5" (192mm) **H:** 11.1" (282.1mm)
Housing / Dome Cover	White / Clear

IP SPECIFICATIONS

Quad Streaming	H.264 Only or MJPEG Only H.264 + H.264 H.264 + MJPEG H.264 + H.264 + H.264 H.264 + H.264 + MJPEG H.264 + H.264 + H.264 + H.264 H.264 + H.264 + H.264 + MJPEG
Audio In	1
Audio Out	1
Alarm Inputs	4
Alarm Outputs	2
User Accounts	20

PTZ SPECIFICATION

Built-in Protocol	PTZ control via network only
Optical Zoom	18x
Pan/Tilt Range	360° Endless / -10° ~ 190°
Presets	256
Preset Accuracy	± 0.225°
Preset Speed	5° ~ 400°/sec.
Pattern	8
Tour (Group)	8
Auto Scan	4
Privacy Mask	16
Zone Title	-
Home Function	Preset, Pattern, Tour, Autoscan
Auto Flip	Image / Mechanical / Off
Digital Slow Shutter	On / Off
Focus Mode	Auto / Manual
Alarm Input	4
Alarm Output	2
Control Interface	All PTZ functions available through web UI, no OSD

POWER CABLE REQUIREMENTS

Wire Gague	Max Distance	Wire Gague	Max Distance
22	27 feet	14	175 feet
20	44 feet	12	279 feet
18	69 feet	10	444 feet
16	110 feet		

NETWORK CABLE LENGTH SPECIFICATIONS

Cable Type	Max Distance
CAT5	300 feet
CAT5e	300 feet
CAT6	300 feet
CAT6a	300 feet

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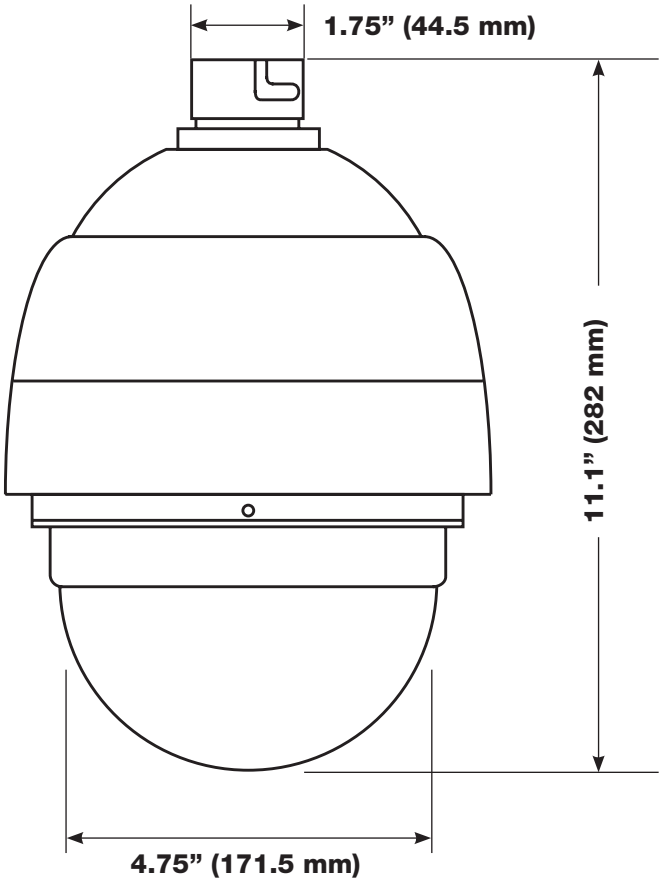
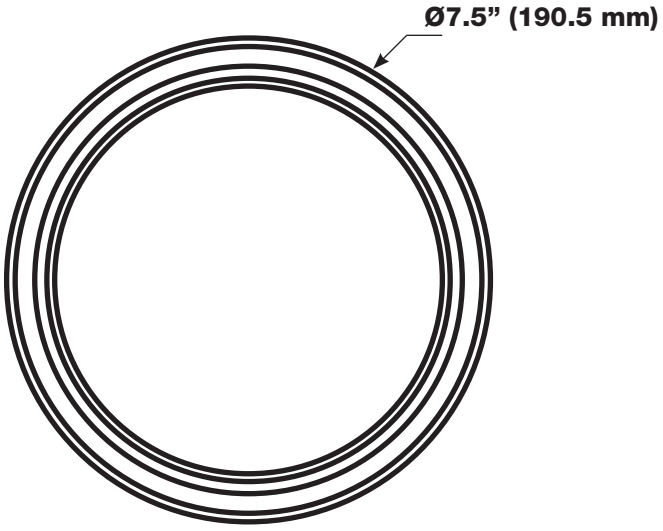
SYSTEM IMAGES





OUTDOOR PTZ MODELS

CM-816	2MP Outdoor IP 18x PTZ Dome

AVAILABLE ACCESSORIES

CA-510WL	Long Wall Mount Bracket
CA-510W	Wall Mount Bracket
CA-510C	Corner Plate
CA-510P25	25 cm Pole Adapter
CA-510P50	50 cm Pole Adapter
CA-510PML	Large Pole Mount
CA-510PA25	1/4” Threaded Adapter
CA-510PA50	1/2” Threaded Adapter
CA-510DT	Tinted Dome Cover
NP-TN24P	24 Port PoE Switch
NP-TN8P	8 Port PoE Switch
CA-501J	Joystick Controller
CA-D4000	Camera Tester

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